

C:\Users\bob\_k\AppData\Local\Microsoft\Windows\INetCache\Content.Outlook\LDWSTDDA\509 ENGR.FORMS 2012 CS Revised USAC Example v2.xls\FF-222\input  
**INTEREXCHANGE CABLE & WIRE FACILITY DATA INPUT**

**GVNW F-222 Input**

(2002)

Updated 2012

Yes

DATA LINE	Company: Sandwich Isles Communications, Inc.	Cable Type / Description	ROUTE & Section	ACCT CODE *	LENGTH (In Feet)	01 COST PER FT	INPUT						Circuits/Pairs						Circuits/Pairs						TOTAL EXCL DS3 FOR			
							TOTAL Poles / Circuits						IX ACCESS						DSL DS3						TOTAL Pairs / Circuits			
							X	ACCESS	DSL	DS3	DSL	DS3	EAS	H/R	EX TRK	EXCHANGE	X	ACCESS	DSL	DS3	EAS	H/R	EX TRK	EXCHANGE	DSL	DS3	ALL DS3	Total DS3s
101	Own	Lapupu-Pukupu		20	236,644	3.1829964	2.00	0.50	1.00	0.50	0.00	0.00	0.00	0.00	0.00	2	1	1	1	-	-	-	-	-	2	1	2	
102	Own	Anahola-Luuh		20	8,1741	5.3318041	3.00	0.50	2.00	0.0	0.00	0.20	0.00	0.20	0.00	10	5	2	1	-	2	2	-	-	10	1	3	
103	L	Waimanalo-Honolulu Leased		40	56,080	0.9474545	1.00	0.07	0.00	0.00	0.33	0.00	0.00	0.00	0.00	21	14	-	-	7	-	-	-	-	-	21	1	1
104	S	Lapupu-Honolulu Leased		40	1,019,040	1.0569502	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3	3	-	-	-	-	-	-	-	-	3	1	1
105	S	Pukupu-Honolulu Leased		40	1,008,480	1.0569502	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3	3	-	-	-	-	-	-	-	-	3	1	1
106	S	Waialae-Honolulu Leased		40	533,280	1.0569502	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	3	-	-	-	-	-	-	-	-	3	1	1
107	S	Hilo-Honolulu Leased		40	1,272,480	1.0569502	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3	3	-	-	-	-	-	-	-	-	3	1	1
108	S	Anahola-Honolulu Leased		40	591,360	1.0569502	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3	3	-	-	-	-	-	-	-	-	3	1	1
109	L	Pukupu-Hilo Leased		40	246,160	0.9474545	2.00	0.50	1.00	0.17	0.33	0.00	0.00	0.00	0.00	6	3	1	1	2	-	-	-	-	-	6	1	2
110	L	Waimanalo-Mililani Leased		40	116,160	0.9474545	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	-	-	-	-	-	-	-	-	-	1	1	1	
111	L	Waimanalo-Pupukele Leased		40	47,520	0.9474545	2.00	0.00	1.00	0.25	0.50	0.25	0.00	0.00	0.00	4	-	1	1	2	1	-	-	-	-	4	1	2
112	Own	Uhue-Kokaha		20	147,932	4.5069356	3.00	0.60	2.00	0.00	0.00	0.40	0.00	0.00	0.00	5	3	2	-	-	2	-	-	-	-	5	1	3
113	L	Hilo-Hilo Leased		40	15,840	0.9474545	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2	-	-	-	-	-	-	-	-	-	2	1	1
114	L	Lapupu-Hilo Leased		40	322,080	0.9474545	1.00	0.00	0.00	0.33	0.67	0.00	0.00	0.00	0.00	3	-	-	1	2	-	-	-	-	-	3	1	1
115	L	Kalamaula-Waimanalo Leased		40	-	-	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
116	L	Waialae-Wailuku Leased		40	10,560	0.9474545	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	-	-	-	-	-	-	-	-	-	1	1	1	
117	L	Anahola-Luuh Leased		40	68,640	0.9474545	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	-	-	-	-	-	-	-	-	-	1	1	1	
118	S	Kekaha-HNL Leased		40	739,200	1.0569502	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3	3	-	-	-	-	-	-	-	-	3	1	1
119	L	Waimanalo-Kapapei Leased		40	-	-	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
120	L	Waimanalo-Kalopelai Leased		40	120,720	0.9474545	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	-	-	-	-	-	-	-	-	-	1	1	1	
121	L	Waimanalo-Kalokoeho Leased		40	132,000	0.9474545	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	-	-	-	-	-	-	-	-	-	1	1	1	
122	L	Waimanalo-Narabell Leased		40	158,400	0.9474545	3.00	0.23	2.00	0.15	0.23	0.08	0.00	0.31	26	6	2	4	6	2	-	8	-	-	26	1	3	
123	L	Waimanalo-Otiori Leased		40	95,400	0.9474545	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	-	-	-	-	-	-	-	-	-	1	1	1	
124	L	Waimanalo-Ka Waihona Leased		40	158,400	0.9474545	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	-	-	-	-	-	-	-	-	-	1	1	1	
125	L	Waimanalo-Pahoa Leased		40	174,240	0.9474545	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1	-	-	-	-	-	-	-	-	-	1	1	1	
126	L	Waimanalo-Waimana Leased		40	179,520	0.9474545	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1	-	-	-	-	-	-	-	-	-	1	1	1	
127	L	Kalamaula-Krikki Leased		40	5,280	0.9474545	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	-	-	-	-	-	-	-	-	-	1	1	1	
128	L	Waialae-Puunene Leased		40	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	-	-	-	-	-	-	-	-	-	1	1	-	
129	L	Hilo-Dico/Hector et al Leased		40	359,040	0.9474545	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1	-	-	-	-	-	-	-	-	1	1	1		
130	S	Waialae-Lanai Leased		40	153,120	1.0569502	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	2	-	-	-	2	-	-	-	-	2	1	1		
131	L	Waialae-Puukohala Leased		40	5,280	0.9474545	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1	-	-	-	-	-	-	-	-	1	1	1		

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**INTEREXCHANGE CABLE & WIRE FACILITY DATA INPUT**

**GVNW F-222 Input**

(2002)

Updated 2012

Yes

Company: **Sandwich Isles Communications, Inc.**As of: **12/31/12**

INPUT →

DATA LINE	Cable Type / Description	ROUTE & Section	ACCT CODE *	LENGTH (In Feet)	01 COST PER FT	TOTAL Pairs / Circuits	Circuits/Pairs						TOTAL Pairs / Circuits	Circuits/Pairs						TOTAL EXCL DS3 FOR ALL OTHER Total DS3s		
							X ACCESS	DSL DS3	DSL DS1	FAS	H/R	EX TRK		IX ACC/SS	DSL DS3	DSL DS1	FAS	H/R	EX TRK			
							PER FT															
132	PANIOLA	Pukapu-Kamehame Parololo	50	72,874	61.1245345	2,00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	1	1	2			-	1	1 3	
133	PANIOLA	Kawehae-Makaha Parololo	50	367,451	15.4232998	2,00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	1	1	2			-	1	1 3	
134	PANIOLA	Makaha-Puunene Parololo	50	69,036	61.1245345	2,00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	1	1	2			-	1	1 4	
135	PANIOLA	Puunene-Lelahi Parololo	50	123,271	61.1245345	5,00	1.00	4,00	0.00	0.00	0.00	0.00	0.00	1	1	3			-	1	1 4	
136	PANIOLA	Lekili-Oreali Parololo	50	140,289	15.4232998	5,00	1.00	4,00	0.00	0.00	0.00	0.00	0.00	1	1	3			-	1	1 4	
137	PANIOLA	Oreali-Kalamaia Parololo	50	22,108	61.1245345	5,00	1.00	4,00	0.00	0.00	0.00	0.00	0.00	1	1	3			-	1	1 4	
138	PANIOLA	Kalamaia-Oreali Parololo	50	22,100	61.1245345	6,00	0.75	5,00	0.00	0.00	0.25	0.00	0.00	1	0.75	4		0.25	-	1	1 5	
139	PANIOLA	Oreali-Sandy Parololo	50	293,717	15.4232998	6,00	0.75	5,00	0.00	0.00	0.25	0.00	0.00	1	0.75	4		0.25	-	1	1 5	
140	PANIOLA	Sandy-Waimanalo Parololo	50	28,946	61.1245345	6,00	0.75	5,00	0.00	0.00	0.25	0.00	0.00	1	0.75	4		0.25	-	1	1 5	
141	PANIOLA	Makaha-Nenakuli Parololo	50	54,282	61.1245345	2,00	1.00	1,00	0.00	0.00	0.00	0.00	0.00	1	1	2			-	1	1 3	
142	PANIOLA	Kekaha-Makaha Parololo	50	643,333	15.4232998	2,00	1.00	1,00	0.00	0.00	0.00	0.00	0.00	1	1	2			-	1	1 3	
143	PANIOLA	Kekaha-Kekaha CC Parololo	50	4,746	61.1245345	2,00	1.00	1,00	0.00	0.00	0.00	0.00	0.00	1	1	2			-	1	1 3	
144	Own	Wehia-Puunene Owers	20	50,832	3.8700000	1.9*	1.00	0.00	0.65	0.18	0.18	0.00	0.00	11	1	2	6	2	2	-	11	1 3

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**GVNW F222 Sum  
(2002)****Cable & Wire Facilities****Sandwich Isles Communications, Inc.****2012****Route & Section Summary**

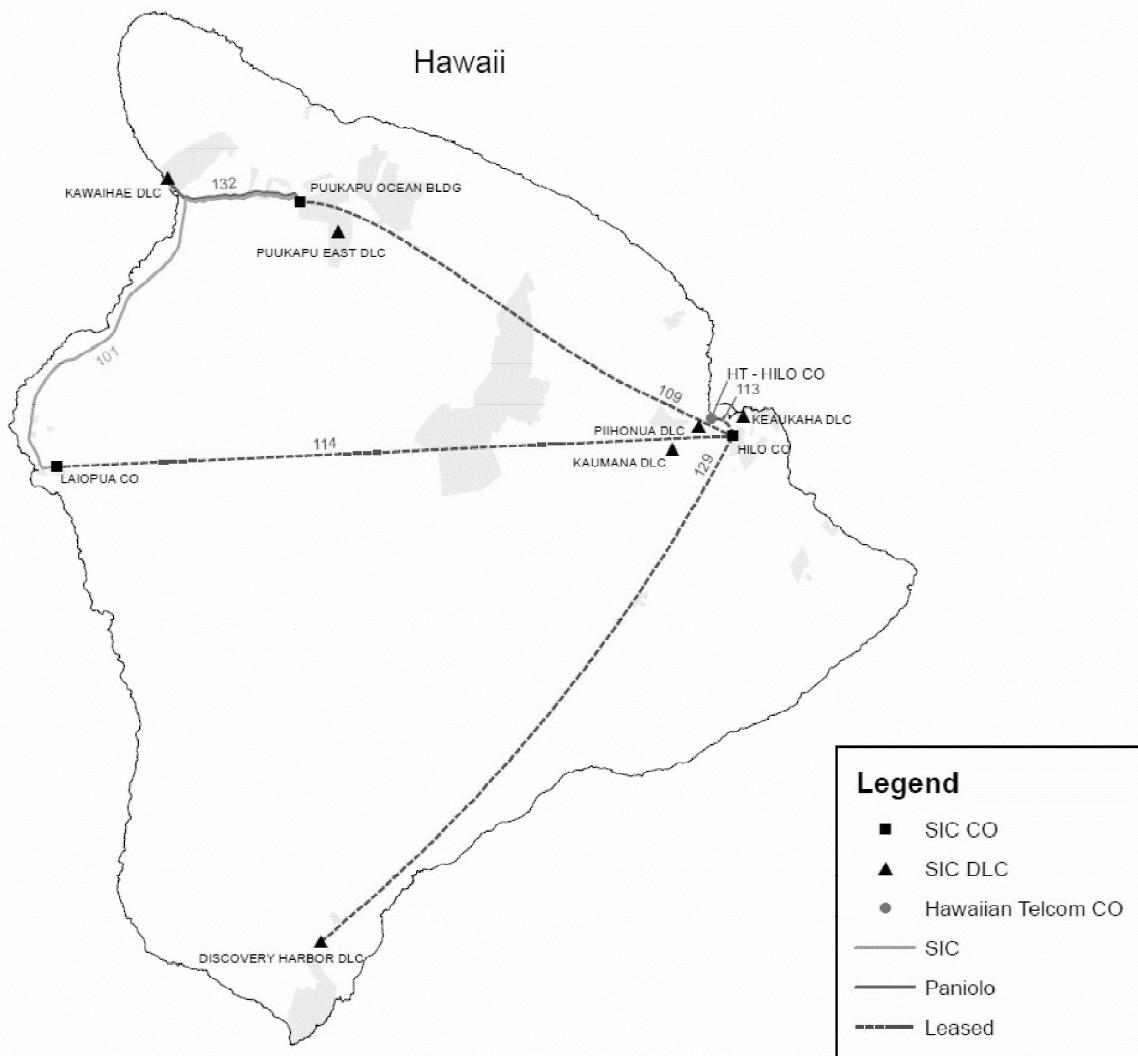
Facility	Total <u>Investment</u>	CAT 3.23 IX Access	CAT 3.22		CAT 2 EAS	CAT 4 Host Remote	CAT 2 Exchange Trunk	CAT 1 Exchange
			DSL	DS3				
10 2410.10	Laipua-Puukapu Conduit	43,297,559	11,104,422	22,193,487	6,393,921	511,284	953,735	0 2,140,710
20 2410.20	Laipua-Puukapu UG	2,052,290	497,335	1,111,650	259,042	18,735	136,686	0 28,841
30 2410.30	Underground Cable	11,167,162	0	0	0	0	0	0 11,167,162
40 2410.40	Other Leases	7,781,209	5,564,932	240,123	134,636	460,615	9,476	0 1,371,427
50 2410.50	Paniolo Lease	46,547,608	17,084,919	29,138,870	0	0	323,819	0 0
60 2410.60	Aerial Wire	0	0	0	0	0	0	0 0
70 2410.70	Underground Conduit	86,441,337	0	0	0	0	0	0 86,441,337
12/31/12	End of Period	197,287,165	34,251,607	52,684,129	6,787,599	990,635	1,423,717	0 101,149,477
12/31/11	Beg of Period	197,366,985	41,228,518	49,271,421	3,110,060	2,065,991	1,777,069	0 99,913,925
<b>STUDY PERIOD AVERAGE (PRIOR TO WB ADJ)</b>		197,327,075	37,740,063	50,977,775	4,948,830	1,528,313	1,600,393	0 100,531,701
<b>STUDY PERIOD AVERAGE - WIDEBAND LOOP ADJUSTMENT</b>						355,733		(355,733)
<b>STUDY PERIOD AVERAGE - INCLUDING WB ADJ</b>		197,327,075	37,740,063	50,977,775	4,948,830	1,884,046	1,600,393	0 100,175,968

**WIDEBAND**

12/31/12	End of Period	Total Cat 1	Cat 1 Portion - Allocated by Loops on F-203						
			IS-ER	IS-RA	ST-ER	ST-RA	Data Only		
	Wideband loops / Total Loops (F-203)	0.005422							
12/31/12	Wideband portion of CAT 1 - for Direct Assign.	548,432	487,495	0	0	0	60,937		
12/31/11	Wideband portion of CAT 1 - for Direct Assign.	163,032	163,032	0	0	0	0		
STUDY PERIOD AVERAGE - I loop Portion of 2410.20 to DA		355,733	325,264	0	0	0	30,469		
IX Portion - Allocated by Kilometers on F-200WB									
12/31/12	End of Period	IX Wideband	IS-ER	IS-RA	ST-ER	ST-RA			
			59,471,728	59,471,728	0	0	0		
12/31/11	Beg of Period	IX Wideband	52,381,481	52,381,481	0	0	0		
			55,926,604	55,926,604	0	0	0		
STUDY AVE-TOTAL 2410.20 TO DIRECT ASSIGN			355,733	325,264	0	0	30,469		
STUDY AVE - EAS allocated on Factor 11			1,528,313						
<b>TOTAL 2410.20</b>			1,884,046						

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EXHIBIT B: ROUTE MAPS<sup>23</sup>



<sup>23</sup> These maps were created by SIC and provided to IAD to represent all active interexchange routes on each island as of December 31, 2013. The maps were provided December 8, 2015. Only interexchange routes are noted (no routes between central offices and end users.) The numbers next to each line are “route numbers” – these identifiers were used in the cable and wire cost study reconciliations.



Sandwich Isles Communications, Inc.'s List of Central Offices (as of 12/31/15) and  
 Illustrative Maps of its Interexchange Cable and Wire Facilities (as of 12/31/2012)  
 Tariff F.C.C. No. 4  
 Wire Center Report - Effective

2/5/2016  
 4:47:26 pm  
 Page 1 of 2

Criteria: ASEC: 3021

Locality NPA/NXX Range Leasing Company/Locality	CLLI	Host Switch	LRN	WCV	WCH	ASEC	Effective					
							Office Type	Serving LATA	Serving Locality/State			
									NPA/NXX Range	State	Locality	Tandem
ANAHOLA 808/820 0-9999	ANHLHI01DS0			11304	15877	3021						03/01/2013
		DA DD GR HB IA IB IC II OE TJ TZ										
HILO 808/920 0-9999	HILOHI05DS0			12128	15069	3021						03/01/2013
		DA DD GR HB IA IB IC II OE TJ TZ										
KALAMAU LA 808/560 0-9999	KKAIHII01RS1	WMLOHIADD\$0		11690	15445	3021						03/01/2013
		IA IB IC II OE TJ TZ										
KEKHAHA 808/320 9000-9999	KKKAHISIDS0			11317	15967	3021						03/01/2013
		DA DD GR HB IA IB IC II OE TJ TZ										
* KULA 808/740 9000-9999	KULAHISIDS0			11816	15311	3021						03/01/2013
		DA DD GR HB IA IB IC II OE TJ TZ										
LAIOPUA 808/355 0-9999	KLUAHISIDS0			12086	15267	3021						03/01/2013
		DA DD GR HB IA IB IC II OE TJ TZ										
NANAKULI 808/620 9000-9999 808/628 4000-4999	NANAHIAD\$0			11557	15661	3021						03/01/2013
		DA DD GR HB IA IB IC II OE TJ TZ										
PAPAKOLEA 808/520 2000-2999 808/520 8000-8999 808/520 9000-9999	PPKLHI01RS0	WMLOHIADD\$0		11591	15604	3021						03/01/2013
		IA IB IC II OE TJ TZ										
PUUKAPU 808/220 0-9999	PKPUHI01DS0			12022	15186	3021						03/01/2013

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\*Kula became a central office after 2012.

SIC0152119

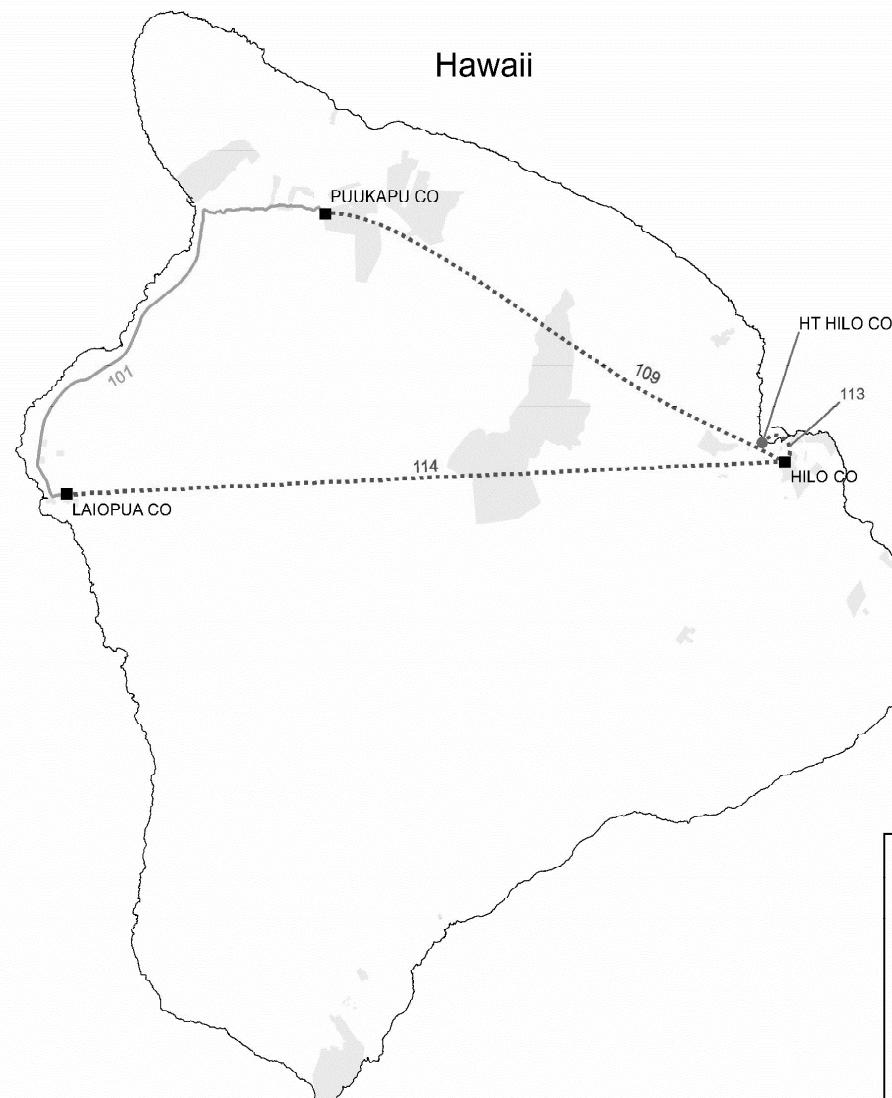


**Tariff F.C.C. No. 4**  
**Wire Center Report - Effective**

2/5/2016  
 4:47:26 pm  
 Page 2 of 2

Criteria: ASEC: 3021

Locality NPA/NXX Range Leasing Company/Locality	CLLI	Host Switch Office Type	Serving LATA	LRN Company Presence	WCV	WCH	ASEC	Residing Lata			Effective	
								Serving Locality/State			From	Thru
								NPA/NXX Range	State	Locality		
808/890 0-9999		DA DD GR HB IA IB IC II OE TJ TZ										
WAIEHU	WAHUHI01DS0				11760	15339	3021	834			03/01/2013	
808/760 0-9999		DA DD GR HB IA IB IC II OE TJ TZ										
808/770 0-9999												
WAIMANALO	WMLOHIADDS0				11596	15574	3021	834			03/01/2013	
808/426 1000-1999		DA DD GR HB IA IB IC II OE TJ TZ										
808/426 9000-9999												



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